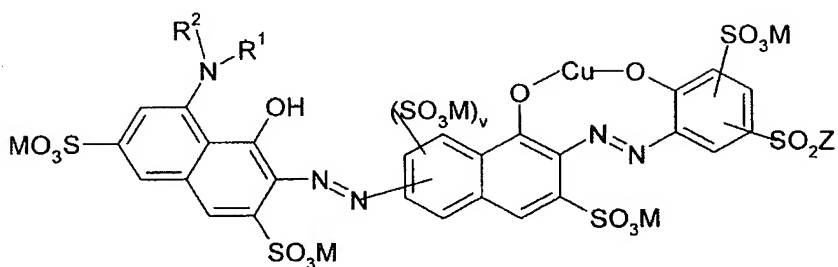


What is claimed is:

1. Dyes of the general formula (1):



(1)

5 where

M is hydrogen, alkali, ammonium or the equivalent of an alkaline earth metal ion,

v is 0 or 1 and

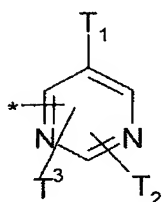
Z is $-\text{CH}=\text{CH}_2$ or $-\text{CH}_2\text{CH}_2\text{Z}^1$,

where

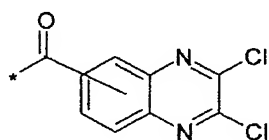
10 Z^1 is hydroxyl or an alkali-detachable group, and

R^1 is hydrogen or C_1 - C_4 -alkyl;

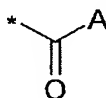
R^2 is a moiety of the general formulae (2), (3), (4) or (5)



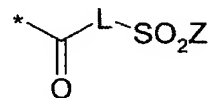
(2)



(3)



(4)



(5)

where

15 T^1 is hydrogen, methyl, fluorine or chlorine,

T^2 is hydrogen, fluorine or chlorine with the proviso that T^2 and T^1 are not both hydrogen;

T^3 is hydrogen, fluorine or chlorine;

A is C_1 to C_4 -alkyl which may be substituted by up to two substituents selected from the group consisting of chloro, bromo, hydroxyl and carboxyl, C_2 to C_4 alkenyl which may be substituted by up to two substituents from the group consisting of chloro, bromo and hydroxyl, or phenyl,

20

L is phenylene or naphthalene, which may be substituted by up to two substituents selected from the group consisting of chloro, bromo, hydroxyl, C₁ to C₄-alkyl especially methyl, ethyl, sulfo and cyano, or else is a C₂ to C₆ alkylene;

5

Z is $-\text{CH}=\text{CH}_2$, $-\text{CH}_2\text{CH}_2\text{Z}^1$,
 where
 Z^1 is hydroxyl or an alkali-detachable group.

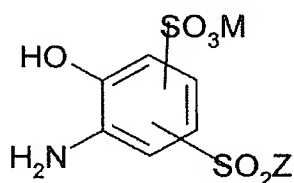
10 2. Dyes as claimed in claim 1 wherein R² is a moiety of the general formula (4).

3. Dyes as claimed in claim 1 or 2 wherein v is 0.

15 4. Dyes as claimed in at least one of claims 1 to 3 wherein the SO₂Z group is meta to the azo group.

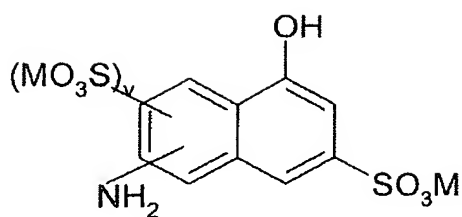
5. Dyes as claimed in at least one of claims 1 to 4, wherein R² is a CH₃CO-radical.

20 6. The process for preparing compounds as claimed in claim 1 by diazotization of a substituted aromatic amine of the general formula (6)



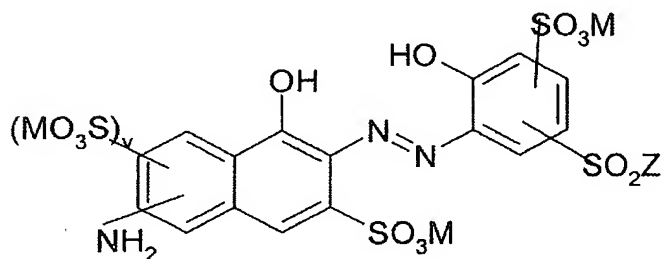
(6)

25 and coupling onto the substituted aminonaphthol of the general formula (7)



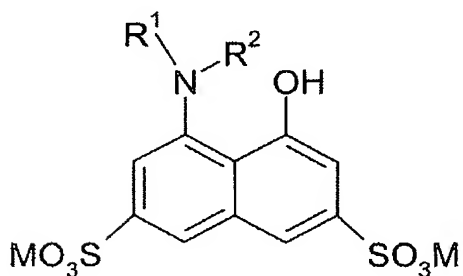
(7)

and subsequent diazotization of the resulting aminomonoazo dye of the general formula (8)



(8)

and coupling at a pH of 6 to 9, onto the terminal coupling component of the general formula (9)



(9)

followed by a subsequent coppering reaction with copper sulfate pentahydrate.

7. The use of the dyes claimed in at least one of claims 1 to 6 for dyeing or printing hydroxyl- and/or carboxamido-containing material, preferably fiber material.

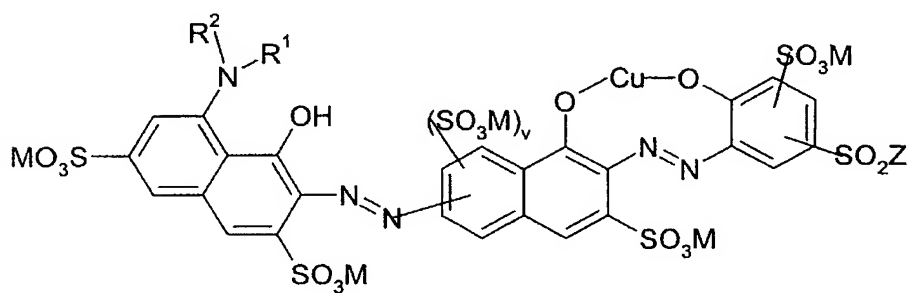
8. A process for dyeing or printing hydroxyl- and/or carboxamido-containing material, preferably fiber material, by applying one or more dyes in dissolved form to the material and fixing the dye or dyes on the material by means of heat

or with the aid of an alkaline agent or by means of both measures, which comprises using dyes comprising at least one of claims 1 to 5.

9. A dye preparation comprising a dye as claimed in at least one of claims 1 to 6.

Water-soluble fiber-reactive dyes, preparation thereof and use thereof

Dyes of the general formula (1):



5

where R^1 , R^2 , M, Z, v and x are each as defined in claim 1, their preparation and their use for dyeing or printing hydroxyl- and/or carboxamido-containing material, preferably fiber material.